

**2011 DWSRF
GREEN PROJECTS CALCULATIONS**

CATEGORICALLY GREEN PROJECTS				
<u>Project ID #</u>	<u>PROJECT</u>	<u>Total Project Cost</u>	<u>% Green</u>	<u>Green Value</u>
2011-10	Portland Water District (UV project - LEED standards) *** (see notes below) ***	\$ 1,000,000	77%	\$ 769,618
Total Categorically Green Projects:				\$ 769,618

BUSINESS CASE PROJECTS				
<u>Project ID #</u>	<u>PROJECT</u>	<u>Total Project Cost</u>	<u>% Green</u>	<u>Green Value</u>
2011-11	Passamaquoddy Water District	\$ 743,750	19%	\$ 143,152
2011-06	Lincoln Water District	\$ 416,339	6%	\$ 26,396
2011-06	Madawaska Water District	\$ 520,625	14%	\$ 71,348
2011-01	Searsport Water District	\$ 2,518,597	19%	\$ 481,320
2011-12	Portland Water District (Forest Avenue)	\$ 200,000	5%	\$ 9,943
2011-02	Anson Water District	\$ 1,038,975	19%	\$ 197,240
2011-08	Mexico Water District	\$ 465,120	22%	\$ 103,275
2011-09	Old Town Water District	\$ 340,068	4%	\$ 14,760
2011-15	Strong Water District	\$ 500,000	13%	\$ 66,547
TOTAL (all water main replacements)		\$ 6,743,474		\$ 1,113,982

2011 DW-SRF "Green Projects"			
Total 2011 DWSRF Capitalization Grant:	\$	9,418,000	
EPA Required 'Green %':	20%	\$	1,883,600
Green From Business Cases	12%	\$	1,113,982
Green from Categorical	8%	\$	769,618
TOTAL GREEN	20%	\$	1,883,600

2011 DW-SRF "Green Projects"			
	<u>Categorical</u>	<u>Business Case</u>	<u>TOTAL</u>
Green Infrastructure			\$ -
Water Efficiency		\$ 1,113,982	\$ 1,113,982
Energy Efficiency			\$ -
Environmentally Innovative	\$ 769,618		\$ 769,618
TOTAL	\$ 769,618	\$ 1,113,982	\$ 1,883,600

NOTES:

- 1 - See Portland Water District application dated March 30, 2012 to Efficiency Maine Trust. Page 4-1 reflects 1,907,670 of difference in Capital Cost Between Base Case/Existing Equipment and Proposed System. Upgrades include: high efficiency equipment for every new system being installed, including the new UV system, new HVAC equipment and new lighting fixtures. PWD is also replacing an existing inefficient ozone system with a new high efficiency ozone system to gain long term energy savings. PWD will secure additional energy savings by limiting process water pumping as a result of energy conscience process design. In total, the Portland Water District UV and Ozone Project will achieve 2.4 million kWh of annual comprehensive energy savings. 75% of \$1,907,670 effort applied to 2012-26 SRF Project and 25% to 2011-10 SRF project
- 2 - Portland Water District Project 2010-11 is Phase 1 of 2. Phase 2, Project 2012-26 is funded at \$3,000,000 in the 2012 DWSRF and includes additional "green" credit of \$1,138,052 for a total project green amount of \$1,907,670.